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Applicant : Mark W. Miles

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Title : PHOTONIC MEMS AND STRUCTURES

Commissioner for Patents  
Washington, D.C. 20231

**Match & Return**

AMENDMENT

Please add claims <sup>62 71</sup> 61 - 70:

<sup>62</sup> 61. A method comprising  
driving a microelectromechanical device in a manner that causes a buildup of charge on  
the device; and  
applying electrical energy to the device in a manner to affect the charge buildup.

<sup>63</sup> 62. The method of claim 61 in which the microelectromechanical device comprises  
an interference modulator.

<sup>64</sup> 63. The method of claim 61 in which the electrical energy comprises a voltage having  
a controlled waveform.

<sup>65</sup> 64. The method of claim 63 in which the voltage comprises a DC voltage.

<sup>66</sup> 65. The method of claim 64 in which the DC voltage has a polarity opposite to a  
polarity of a voltage used to drive the device.

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